



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Frank L. Hall

Serial No.: 10/791,194

Filed: March 2, 2004

For: METHODS FOR PREPARING BALL  
GRID ARRAY SUBSTRATES VIA USE OF  
A LASER

Confirmation No.: 1948

Examiner: S. Heinrich

Group Art Unit: 1725

Attorney Docket No.: 2269-4718.2US  
(00-0316.02/US)

CERTIFICATE OF MAILING

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February 11, 2005  
Date

Leta M. Howard  
Signature

Leta Howard  
Name (Type/Print)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the document listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. A copy of the listed U.S. patent is not being provided pursuant to M.P.E.P. 609 III A(2). The listed document was cited by the Office in co-pending application Serial No. 10/706,575, filed on November 12, 2003, and directed to a related invention.

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

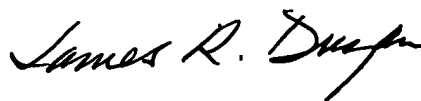
<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 5,950,071	09/07/1999	Hammond et al.

Applicant offers to supply any explanation or discussion of the document which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

I hereby certify that no item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the statement, and therefore no fee is due.

Respectfully submitted,



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Date: February 11, 2005  
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	1	of	1
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**Complete if Known**

Application Number	10/791,194
Filing Date	March 2, 2004
First Named Inventor	Frank L. Hall
Group Art Unit	1725
Examiner Name	S. Heinrich
Attorney Docket Number	2269-4718.2US (00-0316.02/US)

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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